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## P68324US1

**"A data management system"**

**Page 1**

filed

(If applicable) and amended on:

Print Production(0)

**Priority claimed**

(Day/Month/Year Filed)

**You No**

(Day/Month/Year Filed)

**You No**

(Day/Month/Year filed)

Yen Ne

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below:

**Filing Date:**

I hereby swear that the information under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of the claims of this application is not disclosed in the prior United States application in the manual provided by the first paragraph of Title 35, United States Code, §112, I am not submitting the duty to disclose information which is not disclosed in Title 37, Code of Federal Regulations, §1.212 which became available between the filing date of the prior application and the earliest or PCT International filing date of this application.

(Status: performed, pending, abandoned)

POWER OF ATTORNEY: I, the undersigned inventor, hereby appoint the following attorneys (Registration No. ) to prosecute this application, receive and act on instructions from myself, and transact all business in the Patent and Trademark Office on my behalf: HARVEY S. JACOBSON, JR. (22,881); JOHN CLARK GORDMAN (22,758); MARVIN R. STERN (20,640); ALLEN S. MILLER (27,218); MICHAEL R. RUBINOFF (22,421); JOSEPH L. SCOTT (22,776); STEVEN M. ABERNETHY (16,007); WILLIAM S. PLAYER (1,403); YOKO S. HAM (45,507) and NATHANIEL A. HUMPHRIES (22,772).

**DIRECT TELEPHONE CALLS TO:**

(please use Attorney's Docket No.) (302) 636-6000

JAMES H. HOLMAN  
PRESIDENTIAL LIMITED LIABILITY COMPANY  
400 SEVENTH STREET, N.W.  
WASHINGTON, D.C. 20004

JACOBSON HOLMAN  
PROFESSIONAL LIMITED LIABILITY COMPANY

(surnames) name must include at least one unabbreviated first or middle name.

201	FULL NAME OF INVENTOR	FAMILY NAME KELLY	GIVEN NAME Sean	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY Ireland	COUNTRY OF CITIZENSHIP Ireland	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Powerscourt Paddock, Old Long Hill,	CITY Kilmacanogue, County Wicklow,	STATE OR COUNTRY Ireland	ZIP CODE
202	FULL NAME OF INVENTOR	FAMILY NAME ROGERS	GIVEN NAME Christopher	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY Australia	COUNTRY OF CITIZENSHIP Australia	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 88 Heathcliff Crescent,	CITY Balgowlah, NSW	STATE OR COUNTRY Australia	ZIP CODE
203	FULL NAME OF INVENTOR	FAMILY NAME QUARMBY	GIVEN NAME Murray	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY Australia	COUNTRY OF CITIZENSHIP Australia	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 9 Milkawa Avenue, Wahroonga,	CITY NSW 2076	STATE OR COUNTRY Australia	ZIP CODE

I further declare that the statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that such statements and the facts so made are punishable by fine or imprisonment both, under section 1001 of Title 18 of the United States Code; and that such would be the punishment may incur.

**SIGNATURE OF INVENTOR 203"**

DATE \_\_\_\_\_

Additional Exhibits are named on separately numbered sheets attached hereto.

ALL PATENTS, INCLUDING DESIGN  
FOR APPLICATION BASED ON PCT, PARIS CONVENTION,  
NON-PROVISIONAL AND PROVISIONAL APPLICATIONS

DECLARATION  
AND POWER OF ATTORNEY  
U.S.A.

FOR ATTORNEYS' USE ONLY  
ATTORNEYS' DOCKET NO.

As a true and honest inventor, I declare that my residence, post office address and citizenship are stated below next to my name, the information given herein is true, that I believe that I am the original and first inventor (if only one name is listed at 201 below), or an original, first and joint inventor (if plural inventors are named below at 201-203, or an additional inventor attached hereto), of the subject matter which is claimed and for which patent is sought on the invention entitled

101 "A ~~data~~ management system"

102 where is claimed and claimed in: ☐ PCT International Application No.                      filed                       
☒ the specification ☐ the specification in application Serial No.                      filed                       
(if applicable) and amended on                     

I hereby declare that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendments referred to above.  
I acknowledge that I am disclosing information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.  
I hereby declare that I have priority benefits under Title 35, United States Code, §110 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) having a filing date before that of the application on which priority is claimed

Prior Patent Application(s)  
(Number) (Country) (Day/Month/Year Filed) Priority claimed  
                                                               Yes No  
                                                               Yes No  
                                                               Yes No

104 I hereby declare the benefit under Title 35, United States Code, §110(e) of any United States provisional application(s) listed below:  
Application No. 00423,820 Filing Date November 8, 2002 Application No.                      Filing Date                     

105 I hereby declare the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the filing date of this application.


(Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)  
POWER OF ATTORNEY: As a natural inventor, I hereby appoint the following attorneys (Registration No. 1) to prosecute this application, receive and act on instructions from my agent, and transmit all business in this Patent and business in connection therewith. HARVEY E. JACOBSON, JR. (22,789); JOHN CLARKE HOLMAN (22,789); MARVIN R. STERN (20,840); ALLEN S. MELSER (27,218); MICHAEL R. SLOAN (28,431); JONATHAN L. SLOAN (28,431); RYAN M. ASHESBURN (10,007); WILLIAM E. PLAYER (31,400); YOON S. HAM (45,307) and NATHANIEL A. HARRINGTON (22,772)

MAIL CORRESPONDENCE TO: CUSTOMER NO. 00138 JACOBSON HOLMAN PROFESSIONAL LIMITED LIABILITY COMPANY 400 N. WILSON STREET, N.W. WASHINGTON, D.C. 20004	DIRECT TELEPHONE CALLS TO: (please use Attorney's Docket No.) (202) 698-8888 JACOBSON HOLMAN PROFESSIONAL LIMITED LIABILITY COMPANY
---	--

Complete name (last, first, middle at least) one unabbreviated first or middle name.

	FULL NAME OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
201	KELLY		Sean	
	CITY		STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
			Ireland	Ireland
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
		Powerscourt Paddock, Old Long Hill,	Kilmacanogue, County Wicklow,	Ireland
202	FULL NAME OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	ROGERS		Christopher	
	CITY		STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
			Australia	Australia
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
		000000000000000000000000	Balgowlah, NSW	Australia
203	FULL NAME OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	QUARMBY		Murray	
	CITY		STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
			Australia	Australia
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
		8 Mileswa Avenue, Wahroonga,	NSW 2076	Australia

I further declare that the statements made herein of my own knowledge and true, and the statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that false statements and the like so made are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code, and that each willful false statement and the like is punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code, and that each willful false statement and the like is punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code.

SIGNATURE OF INVENTOR 201*	SIGNATURE OF INVENTOR 202*	SIGNATURE OF INVENTOR 203*
		
DATE	DATE <u>15/10/03</u>	DATE

Additional signatures are named on separately numbered sheets attached hereto.

JN 2001 (COPYING WITHOUT DELETIONS PERMITTED)

**ALL PATENTS, INCLUDING DESIGN  
FOR APPLICATION BASED ON PCT: PARIS CONVENTION;  
NON PRIORITY OR PROVISIONAL APPLICATIONS**

**DECLARATION  
AND POWER OF ATTORNEY  
U.S.A.**

FOR ATTORNEYS' USE ONLY  
ATTORNEYS' DOCKET NO.

As a below-named inventor, I declare that my residence, post office address and citizenship are stated below next to my name, the information given herein is true, that (I believe that I am the original, first and only inventor of any one name is listed at 201 below), or an original, first and joint inventor (if plural inventors are named below at 201-203, or on additional sheets attached hereto) of the subject matter which is claimed and for which patent is sought on the invention entitled:

101 "A data management system"

102 which is described and claimed in:

☒ the attached specification

☐ PCT International Application No. \_\_\_\_\_ filed \_\_\_\_\_

☐ the specification in application Serial No. \_\_\_\_\_ filed \_\_\_\_\_

(if applicable) and amended on \_\_\_\_\_

I hereby declare that I have reviewed and understood the contents of the above-specified specification, including the claims, as amended by any amendment referred to above.

I acknowledge my duty to disclose information which is material to patentability as defined in Title 35, United States Code, §112 (a)-(4) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

(Number) (Country) (Day/Month/Year Filed)

Priority claimed

Yes No

(Number) (Country) (Day/Month/Year Filed)

Yes No

(Number) (Country) (Day/Month/Year Filed)

Yes No

104 I hereby claim the benefit under Title 35, United States Code, §119(a) of any United States provisional application(s) listed below:

Application No. 62/423,626

Filing Date November 5, 2002

Application No.

Filing Date

105 I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed before United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 35, Code of Federal Regulations, §1.68 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Serial No.)

(Filing Date)

(Status: patented, pending, abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby request the following attorney (Registration No. ) to prosecute this application, receive and act on instructions from my agent, and transact all business in the Patent and Trademark Office on my behalf. HARVEY S. JACOBSON, JR. (20,851); JOHN CLAUDE MOULMAN (22,769); MARVIN R. STERN (28,842); ALLEN S. MELNER (27,218); MICHAEL R. BLOSBARY (28,421); JONATHAN L. ADLER (28,857); THOMAS E. REIBERGER (18,007); WILLIAM E. PLAYER (21,408); YOUNG S. HAN (45,307) and NATHANIEL A. HUMPHRIES (22,772)

NAME AND ADDRESS TO: CUSTOMER NO. 0000

JACOBSON SOLAR  
PROFESSIONAL LIMITED LIABILITY COMPANY  
400 WASHINGTON STREET, N.W.  
WASHINGTON, D.C. 20001

DIRECT TELEPHONE CALLS TO:

please use Attorney's Docket No. ) (202) 638-8828

JACOBSON SOLAR  
PROFESSIONAL LIMITED LIABILITY COMPANY

Inventor(s) name must include at least one unabbreviated first or middle name.

201	FULL NAME OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
		Powerscourt Paddock, Old Long Hill,	Kilmacanogue, County Wicklow,	Ireland
202	FULL NAME OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
		46 Heathcliff Crescent,	Balgowlah, NSW	Australia
203	FULL NAME OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
		8 Millarwa Avenue, Wahroonga,	NSW 2078	Australia

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that such statements will be used in the Patent and Trademark Office and the file so made are punishable by law or imprisonment or both, under section 1001 of Title 18 of the United States Code; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201*	SIGNATURE OF INVENTOR 202*	SIGNATURE OF INVENTOR 203*
DATE	DATE	DATE 10/10/2003

Additional signatures are named on separately numbered sheets attached hereto.

**INVENTOR INFORMATION**

Print name in full, including first, middle and last name.

INVENTOR 1	FULL NAME	FAMILY NAME	GIVEN NAME	MIDDLE NAME
INVENTOR 1	ADDRESS 1	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
INVENTOR 1	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE
INVENTOR 2	FULL NAME	FAMILY NAME	GIVEN NAME	MIDDLE NAME
INVENTOR 2	ADDRESS 2	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
INVENTOR 2	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE
INVENTOR 3	FULL NAME	FAMILY NAME	GIVEN NAME	MIDDLE NAME
INVENTOR 3	ADDRESS 3	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
INVENTOR 3	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE
INVENTOR 4	FULL NAME	FAMILY NAME	GIVEN NAME	MIDDLE NAME
INVENTOR 4	ADDRESS 4	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
INVENTOR 4	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE
INVENTOR 5	FULL NAME	FAMILY NAME	GIVEN NAME	MIDDLE NAME
INVENTOR 5	ADDRESS 5	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
INVENTOR 5	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE
INVENTOR 6	FULL NAME	FAMILY NAME	GIVEN NAME	MIDDLE NAME
INVENTOR 6	ADDRESS 6	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
INVENTOR 6	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE
INVENTOR 7	FULL NAME	FAMILY NAME	GIVEN NAME	MIDDLE NAME
INVENTOR 7	ADDRESS 7	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
INVENTOR 7	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE
INVENTOR 8	FULL NAME	FAMILY NAME	GIVEN NAME	MIDDLE NAME
INVENTOR 8	ADDRESS 8	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
INVENTOR 8	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE

I hereby declare that the foregoing is my own invention, and that all statements made on information and belief are to be true, and further that these statements were made by me or by some other person in my name, and that I am not aware of any other person making any statement in my name, and that such statements are true and correct.

SIGNATURE OF INVENTOR 1	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE
SIGNATURE OF INVENTOR 207	SIGNATURE OF INVENTOR 208	SIGNATURE OF INVENTOR 209
DATE	DATE	DATE
SIGNATURE OF INVENTOR 210	SIGNATURE OF INVENTOR 211	
DATE		

These sheets are to be used for the numbered sheets attached hereto. (DO NOT WRITE WITHOUT DELETIONS PERMITTED)



Law Office of  
**JACOBSON HOLMAN**  
PROFESSIONAL LIMITED LIABILITY COMPANY  
THE JENIFER BUILDING  
400 SEVENTH STREET, N.W.  
WASHINGTON, DC 20004  
Attny's Docket No.

**SMALL ENTITY DECLARATION**  
[37 CFR 1.9(c)-(f)]

Each undersigned declares that:

(1) ☒ the application attached hereto.

(2) ☐ U.S. Application Serial No. \_\_\_\_\_ filed \_\_\_\_\_

(3) ☐ U.S. Patent No. \_\_\_\_\_ issued \_\_\_\_\_

is entitled to the benefits of "small entity" status for paying reduced fees under 35 USC 41(a) and (b) to the Patent and Trademark Office by virtue of the following:

(4) ☐ Each undersigned declares that he/she qualifies as an independent inventor, or would qualify had he/she made the invention as defined in 37 CFR 1.9(c).

(5) ☒ The undersigned declares that he/she is an official empowered to act on behalf of the concern identified below: that this concern qualifies as a small business concern as defined in 37 CFR 1.9(d); that exclusive rights to the invention have been conveyed to and remain with the small business concern, or if the rights are not exclusive, that all other rights belong to small entities as defined in 37 CFR 1.9.

(6) ☒ The undersigned declares that he/she is an official empowered to act on behalf of the organization identified below: that this organization qualifies as a nonprofit organization as defined in

(a) ☒ 37 CFR 1.9(e)(1)

(b) ☐ 37 CFR 1.9(e)(2)

(c) ☐ 37 CFR 1.9(e)(3)

(d) ☐ 37 CFR 1.9(e)(4)

State law of \_\_\_\_\_

that exclusive rights to the invention have been conveyed to and remain with the organization, or if the rights are not exclusive, that all other rights belong to organizations as defined in 37 CFR 1.9.

(7) Each person, concern or organization to which I/we have assigned, granted, conveyed or licensed, or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

(a) ☐ no such person, concern or organization

(b) ☐ persons, concerns or organization listed below

(a separate declaration is required from each named person, concern or organization having rights to this invention averring to their status as "small entities.")

Full Name \_\_\_\_\_

Address \_\_\_\_\_

☐ Individual

☐ Small Business Concern

☐ Nonprofit Organization

I/we acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement of small entity prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I/we hereby declare all statements made herein of his/her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.

(8)	_____	_____	_____
	Typed Name of Inventor	Signature	Date
	_____	_____	_____
	Typed Name of Inventor	Signature	Date
	_____	_____	_____
	Typed Name of Inventor	Signature	Date
	_____	_____	_____
	Typed Name of Inventor	Signature	Date

(9) Christopher Boon Name of Small Business Concern or Nonprofit Organization

Cambridge Limited

By

Signature [Signature]

Date

14 Oct 03

Typed Name

Title of Signatory

DIRECTOR